

EXPLANATION

Qd
Undifferentiated Quaternary deposits
Area completely covered with undifferentiated surficial deposits of Quaternary age

I
Intrusive igneous rocks

The following sedimentary rocks are mantled with surficial deposits ranging from 0 to 300 feet in thickness over much of the map area

To
Lower part of the Ohanapocosh Formation
Greenish-gray conglomerate, sandstone, siltstone, and shale composed of water-laid andesite and basaltic volcanic rock debris, and tuff

Ts
Spiketon Formation
Light-gray to buff micaceous arkosic sandstone and siltstone, and gray to black shale and coal

Tn
Northcraft Formation
Dark-reddish-brown to dark-greenish-gray andesite and basaltic pyroclastic breccia, volcanic mudflow breccia, flow(?) breccia, and minor interbeds of volcanic sandstone, conglomerate and tuff

Tc
Carbonado Formation
Light-gray to buff micaceous arkosic sandstone and siltstone, and gray to black shale and coal

--- Contact ---
Approximately located; queried where location uncertain

--- Fault, showing dip ---
Approximately located; queried where hypothetical; U, upthrown side; D, downthrown side

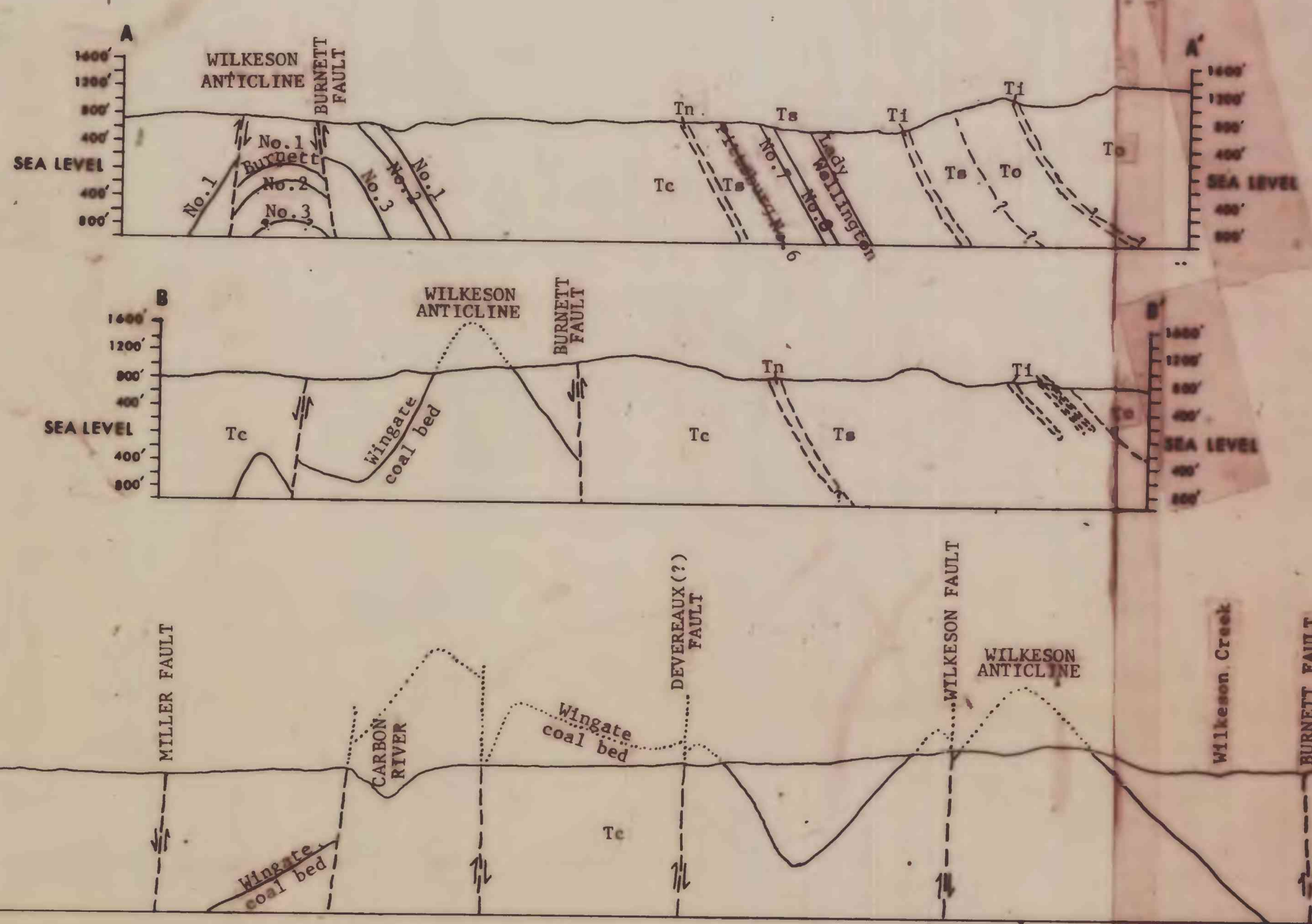
--- Anticline ---
Approximately located; showing trace of axial plane

--- Syncline ---
Approximately located; showing trace of axial plane

--- Strike and dip of beds ---

--- Strike of vertical beds ---

--- Portal of mine tunnel ---



Maped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by multiple methods
Aerial photographs taken 1954. Field check 1956
Polyconic projection. 1927 North American datum
10,000 foot grid based on Washington coordinate system,
south zone
1000-meter Universal Transverse Mercator grid ticks
zone 10, shown in blue

SCALE 1:24,000
CONTOUR INTERVAL 80 FEET
DATUM IS MEAN SEA LEVEL

Geology modified from Gard (1968, pl. 1).

